BENGALURU SOLID WASTE MANAGEMENT LIMITED

O/o The Chief General Manager (Tech), 1st Floor, UNI Building, Thimmaiah Road, Millers Tank Bund Area, Vasanthnagar Bengaluru – 560 052

TENDERS FOR THE WORK OF

THE TURNKEY, LUMP SUM, FIXED PRICE, NO VARIATION TENDER BASED ON TENDERER'S OWN DESIGN FOR THE WORK OF

"Supply, Construction, Installation, Commissioning and Maintenance for a period of 60 months of Dry Waste Collection Centre Equipments & facilities at 20 DWCCs(Pkg-1 Shubra Bengaluru Grants)"

AMOUNT PUT TO TENDER: - Rs 2026.00 Lakhs inclusive of GST.

Tender reference	:	CGM (TECH)/ BSWML/ TEND/ 02/ 2023-24, Date: 05-01-2024
Pre-Bid Meeting Date	:	16/01/2024 at 15.00 hrs.
Place of Pre-Bid Meeting	:	O/o The Chief General Manager (Tech), BSWML, 1st Floor, UNI Building, Thimmaiah Road, Millers Tank Bund Area, Vasanthnagar Bengaluru – 560 052
Last Date for uploading Pre-Bid Queries	:	12/01/2024 up to 16.00 Hrs.
Last date and time for receipt of tenders through e-portal	:	05/02/2024 up to 16.00 hrs.
Time and date of opening of technical bid	:	06/02/2024 up to 16.00 hrs.
Place of opening of cover one of tenders	:	O/o The Chief General Manager (Tech), BSWML, 1st Floor, UNI Building, Thimmaiah Road, Millers Tank BundArea, Vasanthnagar, Bengaluru – 560 052
Address for communication	:	O/o The Chief General Manager (Tech), BSWML, 1st Floor, UNI Building, Thimmaiah Road, Millers Tank Bund Area, Vasanthnagar, Bengaluru – 560 052

DISCLAIMER

The information contained in this Request for Proposal document (the “RFP”) or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of Bengaluru Solid Waste Management Limited (“BSWML”) or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is neither an offer nor invitation by the Authority to the prospective Bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in making their financial offers pursuant to this RFP (the "Financial Bid"). This RFP includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Assignment. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP may not be appropriate for all persons, and it is not possible for the Authority, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in the Bidding Documents may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this RFP and obtain independent advice from appropriate sources.

Information provided in this RFP to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The Authority, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Bidder or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way for participation in this Bid Stage.

The Authority also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this RFP. The Authority may in its absolute

discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP.

The issue of this RFP does not imply that the Authority is bound to select a Bidder or to appoint the Selected Bidder or Service Provider, as the case may be, for the Assignment and the Authority reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Authority or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and the Authority shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by aBidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

BENGALURU SOLID WASTE MANAGEMENT LIMITED

O/o The Chief General Manager, 1st Floor, UNI Building, Thimmaiah Road, Millers Tank Bund Area, Vasanthnagar Bengaluru – 560 052

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No: CE & CGM(Tech) / BSWML/ TEND/ 02 / 2023-24 Date: 05-01-2024

TENDER NOTIFICATION

REQUEST FOR PROPOSAL (RFP)

(**Only through GOK KPPP Portal Only**)

1. The Chief General Manager, on behalf of Managing Director, BSWML, invites tenders from eligible Tenderers for the procurement, commissioning & maintenance of Dry Waste Collection Centre Equipments & facilities detailed in the table below. The tenderers may submit tenders for works given in the table through KPPP portal of the Government of Karnataka (viz https://kppp.karnataka.gov.in). The Tenderers are advised to note the minimum qualification criteria specified in Clause 3 of the instructions to Tenderers to qualify for award of the contract.
2. Tender documents may be downloaded from Government of Karnataka KPPP website https://kppp.karnataka.gov.in under login for Contractors: After login to Contractors, please scroll down to the right-side bottom to see List of Tenders, please click there to find the details of RFP and download copy of the tender. The tender document can be downloaded in the portal from 09-01-2024. Only Interested Service Provider who wishes to participate should remit online transaction fee for tender after registering in the portal. The transaction fee is non-refundable.
3. Tenders must be submitted online through KPPP portal **on or before 16.00 hours on 05-02-2024** and the opening of tenders will be as per the KPPP portal guidelines.
4. Other details can be seen in the tender documents.

Sl No	Name of work	Estimate cost (Rs. in Lakhs)	EMD (Rs. in Lakhs)	Cost of Tender Document	Contract period
1	Lump Sum, Turnkey, Fixed Price, No variation Tender based on Tenderer's Own Design for the work of "Supply, Construction, Installation, Commissioning and Maintenance for a period of 60 months of Dry Waste Collection Centre Equipments & facilities at 20 DWCCs" (Pkg-1 Shubra Bengaluru Grants)	2026.00	20.26	As per e-Portal	6 Months
2	Lump Sum, Turnkey, Fixed Price, No variation Tender based on Tenderer's Own Design for the work of "Supply, Construction, Installation, Commissioning and Maintenance for a period of 60 months of Dry Waste Collection Centre Equipments & facilities for 16 DWCCs" in Govindarajnagara, Chickpete, BTM Layout,	1622.00	16.22	As per e-Portal	6 Months

Sl No	Name of work	Estimate cost (Rs. in Lakhs)	EMD (Rs. in Lakhs)	Cost of Tender Document	Contract period
	Padmanabhanagara, Bengaluru South Constituency (Pkg-2 15th Finance Grants)				

NOTE:

1. Pre bid meeting will be held on 16.01.2024 at 15:00 hours in office of the Chief General Manager (Tech) BSWML, 1st Floor, UNI Building, Thimmaiah Road, Bengaluru-560052.
2. Technical Documents along with necessary information/documents must be uploaded to the KPPP portal https://kppp.karnataka.gov.in as per tender document on or before 16:00 hours of 05-02-2024 and First Folder containing the Technical bid will be opened through kppp portal only on 06-02-2024 after 16:30 hours at the stipulated venue, in the presence of the Tenderers or their authorized representatives who wish to attend. If the office happens to be closed on the date of opening of the tenders as specified, the tenders will be opened on the next working day at the same time and venue.
3. The Employer shall not be liable for any delays due to system failure beyond its control. Even though the system will attempt to notify the Tenderers of any tender updates, the Employer shall not be liable for any information not received by the Tenderers. It is the Tenderer's responsibility to verify the e-procurement portal for the latest information related to the tender, E-mail address of the Helpdesk is hphelpdesk.blr@intarvo.com. E-procurement portal help desk telephone numbers are: 080-22371090/22373788. The tenderer is required to ensure browser capability of the computer well in advance to the last date and time for receipt of the tenders. The employer shall not be responsible for non-accessibility of e-procurement portal due to internet connectivity issues and technical glitches.
4. Any corrigendum/addendum will be published in the KPPP portal only.
5. GST shall be paid separately if applicable.

Time Schedule/Calendar of events:

1	Last Date & Time for uploading Qualification documents	:	On 05-02-2024 upto 16:00 Hrs
2	Pre Bid Meeting	:	On 16-01-2024 at 15.00 Hrs
3	Opening of Tender	:	On 06-02-2024 at 16.30 Hrs

Sd/-
Chief Engineer & Chief
General Manager (Tech)
BSWML

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SECTION I: INSTRUCTIONS TO TENDERERS

A. INTRODUCTION

Bengaluru Solid Waste Management Limited (BSWML) is Special Purpose Vehicle Company created by the Govt of Karnataka under the joint share holding of Bruhat Bengaluru Mahanagara Palike (BBMP) & Govt of Karnataka to manage the Solid Waste generated in Bengaluru. Presently it serves an approximate area of 714 sq. kms, and has an approximate population of 13 million and comprised of 8 zones with 198 wards of BBMP.

The Bruhat Bengaluru Mahanagara Palike (BBMP) Bengaluru generates about 5500 tons of Solid Waste daily. (Excluding bulk waste) BSWML carries out collection, street sweeping, transportation, processing and disposal of Municipal Solid Waste from generators, by door-to- door collection system for waste which is then transported to the respective processing facilities based on the stream. Reject and inert waste is sent to the landfill.

In line with the policy, Segregation of Waste in to Wet, Dry, Sanitary & Domestic Hazardous Waste and stream wise scientific collection, Transportation, processing and disposal is responsibility of BSWML. It is stated in SWM Rules. BSWML is constructing New Dry Waste Collection Centres across various wards of BBMP. The facilitate faster & effective segregation, ease of operation of finer segregation of Dry Waste, BSWML has intended to procure and installation of tools & equipments for Dry waste Collection Centres for effective Dry Waste Management.

B. CONTENTS OF BIDDING DOCUMENT

1. Scope of Bid

Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC.

Payments

Payments by the BSWML will be made in accordance with section IV GCC and will be subjected in all respects to the terms and conditions of the Agreement. No party other than the supplier shall derive any rights from the Agreement.

2. Corrupt and Fraudulent Practices

The Government requires that Tenderers/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of Government financed

contracts. In pursuance of this policy, the Government:

a) Defines for the purposes of this provision, the terms set forth as follows:

i. "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

ii. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government, and includes collusive practice among Tenderers (prior to or after tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition;

b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a government financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a government-financed contract. 2.1 Minimum eligibility criteria for participation in the bids are: -

Tenderers should not be associated, or have associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Tenders.

3. Eligible Bidders

A Bidder must be manufacturer or authorized dealer or Consortium with manufacturer/authorized dealer as lead member and civil contractor as one of the consortium member or authorized dealer of the company manufacturing Tools and Equipment for DWCC. The manufacturer should possess ISO certificate.

BSWML considers a conflict of interest to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations, and that such conflict of interest may contribute to or constitute a prohibited practice under Corrupt and Fraudulent Practices. In pursuance of these bidders, suppliers, and contractors observe the highest standard of ethics. BSWML will take appropriate actions, if it determines that a conflict of interest has flawed the integrity of any procurement process. Consequently, all Bidders found to have a

conflict of interest shall be disqualified.' A Bidder may be considered to be in a conflict of interest with one or more parties in this bidding process if, including but not limited to:

- Have controlling shareholders in common; or
- Receive or have received any direct or indirect subsidy from any of them; or
- Have the same legal representative for purposes of this Bid; or
- Have a relationship with each other, directly or through common third parties, that puts them in position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of BSWML regarding this bidding process; or
- A Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which it is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one bid; or
- A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods and services that are the subject of the bid".

The Bidder should submit a Power of Attorney as per the format at Annexure-8, authorizing the signatory of the Bid to commit the Bidder. In the case of a Consortium, the Members should submit a Power of Attorney in favor of the Lead Member as per format at **Annexure-9.**

In case the Bidder is a Consortium, it shall, comply with the following requirements:

a) Number of members in a Consortium shall not exceed 3 (three);
b) Members of the Consortium shall nominate Manufacturer/Authorized supplier with ISO certificate as one member as the lead member (the "Lead Member"), the Bid should contain the information required for each member of the Consortium;
c) The nomination(s) of the Lead Member shall be supported by a Power of Attorney, as per the format at **Annexure-9**, signed by the other member of the Consortium;
d) The Bid should include a brief description of the roles and responsibilities of individual members, particularly with reference to financial and fabrication obligations;
e) An individual Bidder cannot at the same time be member of a Consortium applying for bid Further, a member of a particular Bidder Consortium cannot be member of any other Bidder Consortium applying for the bid;
f) Members of the Consortium shall enter into a binding Memorandum of Understanding (the "Memorandum of Understanding" or "MoU"), for the purpose of submitting Bid and should submit the same along with the Bid. MoU should be specific to the Package and should fulfill the requirements set out

below, failing which the Bid shall be considered non-responsive. MoU shall, inter alia:

i. Convey the intent of the members of the Consortium to enter into the Agreement in case the bid is awarded to the Consortium;
ii. The Lead Member would enter into the Agreement with BSWML on behalf of the members of the Consortium and subsequently carry out all the responsibilities as the Service Provider in terms of the Agreement;
iii. Clearly outline the proposed roles and responsibilities of each member of the Consortium;
iv. Include a statement to the effect that all members of the Consortium shall under the Agreement, be liable jointly and severally for all obligations of the Service Provider in relation to the bid.

g) MoU entered into, between the members of the Consortium shall be specific to the project and should contain the above requirements, failing which the Proposal shall be considered non-responsive and liable for rejection.

h) Any entity which has been barred by the Central/ State Government, or any entity controlled by it, from participating in any project (BOT or otherwise), and the bar subsists as on the date of Bid, would not be eligible to submit a Bid, either individually or as member of a Consortium.

i) A Bidder including any Consortium Member should, in the last 3 (three) years, have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Bidder, Consortium Member, as the case may be, nor has been expelled from any project or contract by any public entity nor have had any contract terminated by any public entity for breach by such Bidder, Consortium Member.

j) In computing the Technical and Financial Capacity of the Bidder under Section III, the Technical and Financial Capacity of the Bidder(s)/Members of consortium would be considered. Experience of associate company/parent company/ subsidiary company shall not be considered for qualification purposes.

k) The following conditions shall be adhered to while submitting the Bid:

i. Bidders should attach clearly marked and referenced continuation sheets in the event that the space provided in the prescribed forms in the Annexures is insufficient. Alternatively, Bidders may format the prescribed forms making due provision for incorporation of the requested information;
ii. Information supplied by the Bidder (or other constituent Member if the Bidder is a Consortium) must apply to the Bidder named in the Bid and not, unless specifically requested, to other associated companies or firms.
iii. Not with standing anything to the contrary contained herein, in the event that the Bid Due Date falls within three months of the closing of

the latest financial year of a Bidder, it shall ignore such financial year for the purposes of its Bid and furnish all its information and certification with reference to the 3 (Three) years, preceding its latest financial year. For the avoidance of doubt, financial year shall, for the purposes of a Bid hereunder, mean the accounting year followed by the Bidder in the course of its normal business.

(a) Change in Consortium

The Authority restricts a change in control of a Consortium; the Bidder is not allowed to change the composition of the Consortium during the Bidding Process and after signing of the Agreement. In the event of change in Consortium, it would, notwithstanding anything to the contrary contained in the Agreement, be deemed to be a breach thereof, and the Agreement shall be liable to be terminated without the Authority being liable in any manner whatsoever to the Service Provider. In such an event, notwithstanding anything to the contrary contained in the Agreement, the Authority shall forfeit and appropriate the Bid Security or Performance Security, as the case may be, as mutually agreed genuine pre-estimated compensation and damages payable to the Authority for, inter alia, time, cost and effort of the Authority, without prejudice to any other right or remedy that may be available to the Authority hereunder or otherwise.
(The Draft MOU is enclosed in ANNEXURE 10)

4. Eligible Tools and Equipment for DWCC

For purposes of this Clause, the term "equipment's" includes commodities, raw material, machinery, equipment, vehicles etc.; and "related services" includes services such as transit insurance, training drivers, fabrication, stickering and providing mike system.

If a Bidder that does not manufacture or produce the Goods it offers to supply, he shall submit the Manufacturer's Authorization to demonstrate that he has been duly authorized by the manufacturer or producer of the Goods to supply these Goods.

5. Clarification of Bidding Documents

Prospective Bidders requiring any clarification of the Bidding documents may write queries and upload in the e-procurement Portal or communicate to the O/o The Chief General Manager (Tech), BSWML, 1st Floor, UNI Building, Thimmaiah Road, Millers Tank Bund Area, Vasanthnagar, Bengaluru – 560 052. The Purchaser will respond to any request for clarification of the tender

Documents which it receives before Prebid meeting and the same shall be uploaded in e portal.

BSWML is not responsible for the completeness of the Bidding Document and its addenda, if they were not issued directly from BSWML.

The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the Bid.

6. Amendment of Tender documents

Before the deadline for submission of tenders, the BSWML may modify the bidding documents by issuing addendum.

Any addendum thus issued shall be part of the tender documents and shall be communicated through e-procurement website. And will be binding on them.

To give prospective Bidders reasonable time in which to take an addendum into account in preparing their tenders, the BSWML shall extend as necessary the deadline for submission of tenders.

C. PREPARATION OF TENDERS

8. Cost of Bidding

The Bidders shall be accompanied by Bid processing fee for the specified amount mentioned in the e-procurement portal. The supplier/manufacturer can pay the Bid processing fee in the e-procurement portal using any of the following payment modes.

- Credit card
- Direct debit
- National Electronic Fund Transfer (NEFT)
- Over the counter (OTC)

For details, registration and e-payment, visit GOK KPPP website https://kppp.karnataka.gov.in

9. Language of Tender

The bid prepared by the Bidder as well as all correspondence and documents relating to the tender exchanged by the Bidder and the Purchaser, shall be in English language. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Tender, the translation shall govern.

10. Documents Comprising the BID

Technical Proposals will be opened online at https://kppp.karnataka.gov.in the specified address, date and time. The Price Proposals shall remain sealed and will be held in custody on online portal. The Technical Proposals will be evaluated. No amendments or changes to the Technical Proposals will be permitted once bid get validated online. Technical Proposals, which does not conform, to the specified requirements will be rejected as deficient Bids.

Price Proposals of technically qualified Bidders will be opened online as per key dates at the specified date and time. The Price Proposals will be evaluated and the Contract will be awarded to the Bidder who's Bid has been determined to be the lowest evaluated substantially responsive Bid.

The Technical Proposal shall contain the following:

- Technical Proposal Submission Sheet;
- Written confirmation authorizing the signatory of the Bid.
- Documentary evidence establishing the Bidder's eligibility to bid.
- Documentary evidence that the Procurement and Installation of Tools and Equipment for DWCC conform to theBidding Document;
- Information in Appendix's of Technical proposal Submission Sheet
- Documentary evidence establishing the Bidder's qualifications to perform the contract.
- Manufacturer's authorization if applicable
- Memorandum of Understanding in case of Consortium
- Any other document required as per the Bid Data Sheet and Tender.

The Price Proposal shall contain the following:

Price Proposal Submission Sheet filled online only.

11. Bid Submission Sheets and Price Schedules

The Bidder shall submit the Technical Proposal and the Price Proposal online using the appropriate Submission Sheets furnished in Bidding Forms. These forms must be completed without any alterations to their format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.

The Bidder shall submit, as part of the Price Proposal, the Price Schedules for Procurement and Installation of Tools and Equipment for DWCC, according to their origin as appropriate, using the forms furnished online

12. Alternative Bids

Alternative bids shall not be considered.

13. Bid Prices

The prices quoted by the Bidder in the Price Proposal Submission Sheet and in the Price Schedules shall confirm to the requirements specified below.

All items in the Schedule of Supply must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Items not listed in the Price Schedule shall be assumed not to be included in the Bid, and provided that the Bid is substantially responsive, the corresponding adjustment shall be applied.

The price to be quoted in the Price Proposal Submission format including any discounts offered.

The price of the goods quoted should be on the basis of delivery at BSWML and commissioning of equipments at the respective Dry waste Collection Center which shall be inclusive of all customs duties and taxes, Entry tax, transportation, packaging, transit insurance, service tax, sales and other taxes already paid or payable on the components and raw material used in the manufacture, assembly or commissioning of goods quoted. And the equipment should be made operational and tested for a period of minimum 1 month to ensure smooth functioning of the equipments. The price should also include 1 month training (DWCC operators) along with 1-year comprehensive maintenance of equipments including consumables and parts. The price quoted should be inclusive of all for BSWML.
A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected.

14. Currencies of Bid

Bid prices shall be quoted in the Indian Rupees.

15. Documents Establishing the Eligibility of the Bidder

To establish their eligibility Bidders shall:

a. Complete the eligibility documents as required.

16. Documents Establishing the Eligibility of Procurement and Installation of Tools and

Equipment for DWCC

To establish the eligibility of the Procurement and Installation of Tools and Equipment for DWCC, Bidders shall complete declarations in the Price Schedule Forms.

17. Documents Establishing the Conformity of the Goods to the Bidding Document

To establish the conformity of the Procurement and Installation of Tools and Equipment for DWCC to the Bidding Document, the Bidder shall furnish as part of its Technical Proposal the documentary evidences.

The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed description of the essential technical and performance characteristics of the Procurement and Installation of Tools and Equipment for DWCC, demonstrating substantial responsiveness of the Procurement and Installation of Tools and Equipment for DWCC to those requirements.

Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by Bidder in the Schedule of Supply, are intended to be descriptive only and not restrictive.

18. Documents Establishing the Qualifications of the Bidder

To establish its qualifications to perform the Contract, the Bidder shall submit as part of its Technical Proposal the evidence indicated for each qualification criteria specified in Evaluation and Qualification Criteria.

19. Period of Validity of Bids

Bids shall remain valid for the period of 180 days after the bid submission deadline date prescribed by BSWML. A Bid valid for a shorter period shall be rejected by BSWML as non-responsive.

20. In exceptional circumstances, prior to the expiration of the bid validity period, BSWML may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. Earnest money deposit (EMD)

21. Earnest money deposit

The Tenderer shall furnish, as part of his tender, Earnest Money Deposit (EMD) in the amount as mentioned in IFT for this particular Work. EMD Amount shall be paid in the e – procurement portal using any of the following

- Credit Card.
- Direct Debit.

- National Electronic Fund Transfer (NEFT).
- Over the Counter (OTC).

NEFT Payment Procedure

If a Tenderer chooses to make Payment of EMD / Tender Processing Fee using Reserve Bank of India's (RBI) National Electronic Fund Transfer (NEFT) System, the Tenderer will need to log into KPPP System, access the Tender for which Bid is being created and then select the NEFT Option under the Payment Section and print the Challan shown in that Section. The Printed Challan will have the Unique Bid Reference Number, Account Details of Government of Karnataka and the Amount to be remitted. The Tenderer shall submit the Printed Challan to its Bank Branch (NEFT enabled) and request for an Account – to – Account Transfer, wherein the money will get transferred from the Tenderer's Bank Account to GOK's Bank Account. The Tenderer shall ensure that NEFT Transfer Instructions are executed and the Funds are wired to the Government of Karnataka's Principal Account before the Last Date for Bid Submission and preferably 24 hours before the Last Date for Bid Submission. If the Tenderer's Bank transfers / wires the money after the Last Date for Bid Submission, the Tenderer's Bid will be liable for rejection. Upon executing the Transfer, the Tenderer's Bank will provide a Reference Number generated by NEFT Software as Confirmation of Transfer, which has to be input by the Tenderer in the Payment Section of its Bid as Payment Confirmation before the Bid is submitted i.e., as a pre requisite for Bid Submission. The Account Number from which the Funds were transferred shall be input in the e – Procurement System as part of its Bid also.

OTC Payment Procedure

If a Tenderer chooses to make Payment of EMD / Tender Processing Fees Over The Counter (OTC) in any of the designated Axis Bank Branches listed in the KPPP Website (www.kppp.karnataka.gov.in), the Tenderer will need to log into kppp System, access the Tender for which Bid is being created and then select the OTC Option under the Payment Section and print the Challan shown in that Section. The Printed Challan will have the Unique Bid Reference Number and the Amount to be remitted along with the Challan. The Tenderer can choose to make the Payment either in the form of Cash or in the form of Demand Draft. Cheque Payments will not be accepted. The Tenderer is requested to specifically inform the Bank Officer to input the Unique Bid Reference Number printed in the Challan in the Banking Software. Upon successful Receipt of the Payment, the Bank will provide a 16 Digit Reference Number acknowledging the Receipt of Payment. This 16 Digit Reference Number has to be input by the Tenderer in the Payment Section of its Bid as Payment Confirmation before the Bid is submitted i.e., as a pre requisite for Bid Submission.

EMD Amount shall be submitted by the Tenderer taking into account of the following Conditions.

a. **EMD shall be accepted only in the form of Electronic Cash will be maintained in the Government's Central Pooling Account** at ICICI Bank until the Work is awarded

b. The Tenderer 's Bid will be evaluated only on Confirmation of Receipt of the Payment of EMD as indicated in Sub Clauses 13.1 and 13.2.

c. Instruments having fixed validity issued as earnest money deposit for the tender shall bevalid for 45 days **beyond** the validity of the tender.

Any tender not accompanied by an acceptable earnest money deposit and not secured as indicated in Sub-Clauses 13.1 and 13.2 above shall be rejected by the Employer as non- responsive.

The earnest money deposit of unsuccessful Tenderers will be returned within 30 days of the end of the tender validity period specified in Sub-Clause 12.1.

The earnest money deposit of the successful Tenderer will be discharged when the Tenderer has signed the Agreement and furnished the required Performance Security.

The earnest money deposit may be forfeited:

(a) if the Tenderer withdraws the Tender after tender opening during the period of tender validity;

(b) if the Tenderer does not accept the correction of the Tender Price, pursuant to Clause 24; or

(c) in the case of a successful Tenderer, if the Tenderer fails within the specified time limit to

  (i) sign the Agreement; or

  (ii) furnish the required Security deposit

22. Format and signing of Tender

All pages of the Bid shall be signed or initialed by the person signing the Bid. Bidder has to scan these original documents and upload at appropriate place on the online portal.

Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

D. SUBMISSION AND OPENING OF BIDS

23. Sealing and Marking of Bids

23.1. Deleted.

24. Deadline for Submission of Bids

Bids must be uploaded no later than the date and time indicated in online notice at the online portal.

BSWML may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document as addenda, in which case all rights and obligations of BSWML and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

25. Late Bids

24.1. Online portal shall not allow the bidder to bid after the specified time and hence bidders should take extra care of the timings of the bid submission.

26. Withdrawal, Substitution, and Modification of Bids

On the online portal bidders are allowed to withdraw, substitute, or modify its Bid before the final submission time. A Bidder will not be allowed to withdraw, substitute, or modify its Bid after the scheduled submission time.

27. Bid Opening

The technical proposal will be opened online as well as hard copy as per schedule time and date and Price proposal of only technically qualified bidders shall be opened.
Price proposals will be opened online only.

E. EVALUATION AND COMPARISON OF BIDS

28. Confidentiality

Information relating to the examination, evaluation, comparison, and post qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until information on Contract award is communicated to all Bidders.

Any attempt by a Bidder to influence BSWML in the examination, evaluation, comparison, and post qualification of the Bids or Contract award decisions may result in the rejection of its Bid.

29. Clarification of Bids

To assist in the examination, evaluation, comparison and post-qualification of the Bids, BSWML may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by BSWML shall not be considered. BSWML request for clarification and the response shall be in writing or through e-mail. No change in the prices or substance of the Bid shall be sought, offered, or permitted.

30. Responsiveness of Technical Proposal

BSWML determination of the responsiveness of a Technical Proposal is to be based on the contents of the Technical Proposal itself.

A substantially responsive Technical Proposal is one that conforms to all the terms, conditions, and specifications of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

a. Affects in any substantial way the scope, quality, or performance of the Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC specified in the Contract; or

b. Limits in any substantial way, inconsistent with the Bidding Document, BSWML rights or the Bidder's obligations under the Contract; or

c. If rectified would unfairly affect the competitive position of other Bidders presenting

d. Substantially responsive Technical Proposals

31. Non conformities, Errors, and Omissions

Provided that a Technical Proposal is substantially responsive, BSWML may request that the Bidder submit the necessary information or documentation, within a reasonable of Price Proposals on the following basis:

- If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.
- If there is an error in a total corresponding to the addition or subtraction of subtotals, the individual item rate shall prevail and the total shall be corrected.
- If there is a discrepancy between words and figures, the amount in words shallprevail.

32. Preliminary Examination of Bids

BSWML shall examine the Technical Proposal to confirm that all documents and technical documentation requested have been uploaded on online portal, and to determine the completeness of each document submitted.

BSWML shall confirm that the following documents and information have been provided in the Technical Proposal. If any of these documents or information is missing in the uploaded documents on the online portal, the offer shall be rejected.

- Technical Proposal Submission Sheet.
- Written confirmation of authorization to commit the bidder.
- Earnest Money Deposit (EMD) declaration form.
- Manufacturer's Authorization, if applicable.

33. Examination of Terms and Conditions; Technical Evaluation

BSWML shall examine the Bids to confirm that all terms and conditions specified in Bid Document have been accepted by the Bidder without any material deviation or reservation.

BSWML shall evaluate the technical aspects of the Bid submitted in accordance to confirm that all requirements specified in Schedule of Supply of the Bidding Document have been met without any material deviation or reservation.

If, after the examination of the terms and conditions and the technical evaluation, BSWML determines that the Technical Proposal is not substantially responsive it shall reject the Bid.

34. Right to Accept Any Bid, and to reject any or All Bids

33.1. BSWML reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the Bidders.

F. AWARD OF CONTRACT

35. Award Criteria

34.1. BSWML shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated Bid and is substantially responsive to the Bidding Document, provided further that the Bidder has remained qualified to perform the Contract satisfactorily.

36. Right to Vary Quantities at Time of Award

35.1. At the time the Contract is awarded, BSWML reserves the right to increase or decrease the quantity of Procurement and Installation of Tools and Equipment for DWCC originally specified in Bid document, provided this does not exceed the 25 percentage, and without any change in the unit prices or other terms and conditions of the Bid and the Bidding Document.

37. Notification of Award

Prior to the expiration of the period of bid validity, BSWML shall notify the successful Bidder, in writing, that its Bid has been accepted.

Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

38. Signing of Contract

Promptly after notification, BSWML shall send to the successful Bidder the Agreement.

Within fifteen (15) days of receipt of the Agreement, the successful Bidder shall sign and return it to BSWML.

39. Performance Security

Within Fifteen (15) days of the receipt of notification of award from BSWML, the successful Bidder shall furnish the Performance Security equal to 5% of the contract price / work order value.

Failure of the successful Bidder to submit the Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award. In that event BSWML may award the Contract to the next lowest evaluated Bidder whose offer is substantially responsive and is determined by BSWML to be qualified to perform the Contract satisfactorily.

SECTION II – BID DATA SHEET (BDS)

A. INTRODUCTION	
1.	The Chief General Manager (Tech) on behalf of Managing Director, BSWML hereby invites sealed bids from competent bidders for the following tenders: Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC
B. BIDDING DOCUMENT	
2.	All correspondence, collection and submission of Bidding document is to be made to the O/o The Chief General Manager (Tech),BSWML, 1st Floor, UNI Building, Thimmaiah Road, Millers Tank Bund Area, Vasanthnagar Bengaluru – 560 052
	Clarification may be obtained prior the pre-bid meeting as per the schedule
C. PREPARATION OF BIDS	
3.	The language of the Bid is English Response to the bids in English
4.	Alternative Bids are not permitted
5.	The prices quoted by the Bidder shall be fixed
6.	The currency of the Bid shall be: Indian rupees.
7.	The bid validity period shall be 180 days.
8.	Bidder may contact the officials at BSWML to get any other information about the specifications required
D. SUBMISSION AND OPENING OF BIDS	
9.	Online Bid is to be submitted by one bidder. Technical and financial bid should be submitted online only
10.	The written confirmation of Authorization of manufacture to sign.
E. EVALUATION, AND COMPARISON OF BIDS	
11.	Bidders are allowed to quote price in Indian Rupees only.
F. AWARD OF CONTRACT	
12.	BSWML shall award the Contract to the Bidder whose offer has been determined to be the lowest and is substantially responsive to the Bidding Document.

SECTION III - EVALUATION AND QUALIFICATION CRITERIA

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

A. EVALUATION CRITERIA

BSWML will evaluate and compare bids on the basis of price quoted by the eligible bidders to arrive at the least cost.

1. Technical Criteria

The minimum technical level of the Procurement and Installation of Tools and Equipment for DWCC offered by the Supplier shall comply with the minimum acceptable level and specification for each criteria enumerated in the Schedule of Supply.

The non-compliance of the minimum acceptable criteria shall make the Supplier's bid as non-substantive. Whenever possible, these criteria will be evaluated on a pass-fail basis.

2. Economic Criteria

Adjustment for Deviations from the Terms of Payment Deviations from the Terms of Payment is not permitted.
Adjustment for Deviations in the Delivery and Completion Schedule. The Goods covered by this bidding process are required to be delivered in accordance with, and completed within, the Delivery and Completion Schedule. Bids offering delivery schedules beyond stipulated completion period shall be rejected.

Omissions or Missing Items:

The cost of omissions or missing items in the scope of supply, services, etc. would be not be considered. Bids offered for part scope of work from one lot shall be rejected.

Local Handling and Inland Transportation

Cost for inland transportation, transit insurance and other incidental costs for delivery of the goods shall be included in the PRICE. These costs will be taken into account during bid evaluation. If a Bidder fails to include such costs in its bid, it will be considered as included in his bid price bid.

B. QUALIFICATION CRITERIA

1. **Financial Criteria:**

The Bidder's average turnover in any two (2) financial years of last five financial years shall be as following:

Sl.No.	Description of Procurement and Installation of Tools and Equipment for DWCC	Min Average Turnover required in any two financial years in last 5 financial years (Rs. in lakhs)
1	Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC	4052.00

The Bidder is to submit audited statements of accounts for the last five (5) years, along with its bid. The Bidder has to submit accounts and certified balance sheet certified by a registered chartered accountant supported by copies of tax returns or the last three (3) years, along with its bid. In the event that the BSWML in the Bidder's audited statement notes consistent losses or the risk of insolvency, the Bidder may be disqualified. Where necessary BSWML will make enquiries with the Bidder's Bankers.

In case of a Consortium, the combined Technical Capacity and Financial Capacity of the Lead Member and the other member of the Consortium will be considered.

The Bid must be accompanied by the Audited Annual Reports of the Bidder (of each Member in case of a Consortium) for the last financial year, preceding the year in which the Bid is made.

Biddertype	Average Annual Turnover for past five years				
	Year 1	Year 2	Year 3	Year 4	Year 5
Single entity Bidder/ Lead Member					
Other Member of Consortium					
Total					

2. Mandating satisfactorily completion as a prime contractor, at least one similar nature of work of Supply/Commissioning to as extent of 50% of the cost of the work (i.e

Rs.1013.00 lakhs)

3. Liquid assets and /or availability of credit facilities of not less than Rs.608.00 Lakhs (30% of the package amount) (Credit lines/ letter of credit/ certificates from banks for meeting the fund requirement etc).

4. Experience Criteria

4.1 The Bidder shall submit the data and information along with the work order, completion certificate and reference on past performance etc. required to demonstrate that the Bidder meets the minimum criteria as per chart attached.

Sl.No.	Description of Procurement and Installation of Tools and Equipment for DWCC	manufacturer should be an ISO certified Company with manufacturing plant/full pledged service center with complete workshop facilities	Qualification and Experience Criteria Min. Supply in any one of the Last 3 years ending on the deadline for bid submission
1	Procurement and Installation of Tools and Equipment for DWCC.	The Bidder should have the following minimum qualification criteria: - 1. The Bidders in case of manufacturer / Consortium with manufacturer as lead member/ Authorized representative / Consortium with Authorized representative as lead member	1. Feeding Incline Conveyor – 16 Nos 2. Prose's bed conveyor with storage hoppers- 16 Nos 3. Pet Bottle segregation mobile conveyor – 16 Nos 4. 15Hp Hydraulic bailing press with storage bunkers – 16 Nos 5. Material handling Semi-Electric Stacker – 16 Nos

- Details should be furnished along with performance letter & PO copy.

The bidder is to certify that he will be able to demonstrate such min quantity of Procurement and Installation of Tools and Equipment for DWCC.

- If necessary, BSWML will inspect these Procured and Installed of Tools and Equipment for DWCC
- to verify the claim of the bidders.
- International experience shall be valid if relevant certificates are attached.
- Has repair and service facilities in India and shall provide an undertaking that successful bidder shall either develop its own facility or authorize service center at Bengaluru for day to day maintenance of equipment's. The regular maintenance works of oil change /greasing, Re Setting etc except components change due to mishandling shall be provided for 60 months
- Should assure the ready availability in India of the spare parts of the proposed equipment.

SECTION IV - BIDDING FORMS

(On the Letterhead of the Concerned Agency)

A. TECHNICAL PROPOSAL SUBMISSION SHEET

Invitation for Bid No.:_____ Date: (Insert date)

To,

The Chief General Manager (Tech),
BSWML, 1st Floor, UNI Building, Thimmaiah Road,
Millers Tank Bund Area, Vasanthnagar, Bengaluru – 560 052

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Document, including Addenda No.: (Insert the number and issuing date of each addendum);

(b) We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in Schedule of Supply, the following Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC

Sl.No.	Description of Procurement and Installation of Tools and Equipment for DWCC
1	Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC

(c) Our Bid shall be valid for a period of 180 days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

(d) If our Bid is accepted, we commit to obtain a Performance Security in the amount of 3 percentof the Contract Price for the due performance of the Contract.

(e) We are not participating, as Bidders, in more than one Bid in this bidding process.

(f) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.

We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Name (complete name of person signing the bid)

In the capacity of (legal capacity of person signing the bid) Signed (signature of person)
Duly authorized to sign the Bid for and on behalf of (name of bidder)

Date (Insert date of signing).

B. (DETAILS OF TURNOVER)

Average Annual Turnover Proposal Submission Sheet		
Sl. No	**Year**	**Turnover (Indian Rupees)**
1	2018-19	
2	2019-20	
3	2020-21	
4	2021-22	
5	2022-23	

C. (DETAILS OF LITIGATION / ARBITRATION AND OTHER CLAIMS)

Sl. No	Year	Name of the Employer	Matter of dispute	Disputed amount inRs	Whether the awardwas for or againstthe firm or pending

Bidder must not hide any information regarding litigation or blacklisting otherwise legal action may be initiated in case of wrong information submitted by the bidder.

D. MANUFACTURER'S AUTHORIZATION

Invitation for Bid No.:_____ Date: (Insert date)

To,

The Chief General Manager (Tech),
BSWML, 1st Floor, UNI Building, Thimmaiah Road,
Millers Tank Bund Area, Vasanthnagar Bengaluru – 560 052

WHEREAS (Insert complete name of manufacturer) who are official manufacturers of (Insert type of goods manufactured) having factories at (Insert complete address of manufacturer) do hereby authorize (Insert complete name of bidder) to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us (insert name of goods) and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with General Conditions of Contract, with respect to the Goods offered by the above firm in reply to this Invitation for Bids.

We have repair and service facilities in India and we shall either develop our own facility or authorize a service center at Bengaluru for day-to-day maintenance of equipment's.

Name (complete name of person signing the security)

In the capacity of (legal capacity of the person signing the security)Signed (signature)
Duly authorized to sign the Authorization for and on behalf of (complete name of manufacturer)
Date (Insert date of signing)

Note: -This letter of authorization should be on the letterhead of the manufacturer and should be signed by a person with the proper authority to sign the document that is binding on the manufacturer.

SECTION V - SCHEDULE OF SUPPLY

A. **LIST OF** Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC

Sl.No.	Description of Tools and Equipment for DWCC.
1	Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC 1. Feeding Incline Conveyor – 20 Nos 2. Prose's bed conveyor with storage hoppers- 20 Nos 3. Pet Bottle segregation mobile conveyor – 20 Nos 4. 15Hp Hydraulic bailing press with storage bunkers – 20 Nos 5. Material handling Semi-Electric Stacker – 20 Nos 6. Electrical low tension panel and power distribution board – 20 Nos 7. Digital weighing machine of capacity 1 tonne with LED display and printer – 20 Nos 8. Swivel High Counter Bar Stool with Metal Height adjustable bar chain – 200 set 9. Stainless steel cage trolley - 120 10. Steel work – 150000kgs 11. Steel work with railings – 50000kgs 12. HDPE Waste Container – 500 Nos. 13. Civil works including lane marking thermal painting

B. DELIVERY AND COMPLETION SCHEDULE:

The purpose of the delivery and completion schedule is to specify the delivery dates of the Procurement and Installation of Tools and Equipment for DWCC. The delivery and completion schedule, as part of the schedule of supply constitute a contract document and, therefore it will be a part of the contract.

Sl.No.	Description of Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC	**Contract completion period**
1	Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC	6 months

C. TECHNICAL SPECIFICATIONS

The tools and equipment's should include the following with detailed specifications is as listed.

1. Feeding Incline Conveyor

S.NO	DESCRIPTION	TECHNICAL SPECIFICATION
1	Type	T type cleated PVC nylon belt–
2	Conveyor Profile	Incline
3	Material Handled	Municipal waste
4	Capacity in TPH	5 tons per hour
5	Loading hopper	Inner Fit loading hopper available
6	Loading hopper size.	5 cubic meter Storage hopper with Mattel body.
7	Length Horizontal	8 Meter(Approx)
8	Angle Of Inclination	20 - 40deg
9	Profile Length	9 meter(Approx)
10	Speed mps	0.1M/Sec VFD speed controls. controls
11	Belt Width in mm	800
12	Belt Specification	18meterLengthx800mmWidthx3Ply-6mm+50mmHeight Cleats, Pitch 500, Appx – Endless belt.
13	Electrical safety	Electrical safety system shall confirm to be 302.
14	Gear Box	Reputation make ISO mark.
15	Type	Geared Motor
16	Power	5HP,1440RPM
17	Electrical Connection	Potentiometer meter for VFD Speed control, MCB, load backer switch power terminal box, control terminal block, indication lamp with push button, emergency. Button with control panel with consumable
18	Safety Factor	Above 2 times.
19	Skirt Board/	300mmheight Stainless steel metal sheet with rubber beading.
20	Take-Up	Screw Take-up

2. Prose's bed conveyor with storage hoppers

S.NO	DESCRIPTION	TECHNICAL SPECIFICATION
1	Type	PVC Conveyor Belt,
2	Profile	Flatbed conveyor belt.
3	Material Handled	Municipal waste (segregation)
4	Capacity in TPH	5tonperhour
5	Angle Of Inclination	Flat
6	Conveyor Height	1 meter
7	Total Profile Length	13 meter
8	Speed mps	0.1M/Sec VFD Speed controlled.
9	Belt Width in mm	800
10	Belt Specification	28 meterLengthx800mmWidthx3Ply-5mm Endless belt. PVC belt.
11	Storage hoppers	3 QMT Storage hoppers, Hydraulic hand lever operated Door. Power pack provides.
12	Gear Box	ISO brand
13	Type	Geared Motor VFD controlled.
14	Power	2.2 KW, 3 Hp & 1 HP
15	Electrical Connection	Potentiometer meter for VFD Speed control, MCB, load backer switch power terminal box, control terminal block, indication lamp with push button, emergency. Button with control panel with consumable
16	Electrical safety	Electrical safety system shall confirm to be 302.
17	Safety Factor	Above2 times.
18	Input Output Coupling	Direct Coupling
19	Skirt Board and belt hander sheet.	150mmheight Stainless steel metal sheet with rubber beading
20	Take-Up	Screw Take-up
21	Worker seating chare Chair	Swivel High Counter Bar Stool with Metal ,Height Adjustable Bar Chair

3. Pet bottle segregation mobile conveyor

S.NO	DESCRIPTION	TECHNICAL SPECIFICATION
1	Type	PVC Conveyor Belt,
2	Profile	Flat belt.
3	Material Handled	Municipal waste (segregation)
4	Capacity in TPH	2tonperhour
5	Angle Of Inclination	Flat
6	Conveyor Height	1 meter
7	Total Profile Length	8 meter
8	Speed mps	0.1M/Sec VFD Speed controlled.
9	Belt Width in mm	800
10	Belt Specification	18 meterLengthx800mmWidthx3Ply-3mm Endless belt. PVC belt.
12	Gear Box	ISO brand
13	Type	Geared Motor VFD controlled.
14	Power	1.2 KW, 2 Hp
15	Electrical Connection	Potentiometer meter for VFD Speed control, MCB, load backer switch power terminal box, control terminal block, indication lamp with push button, emergency. Button with control panel with consumable
16	Electrical safety	Electrical safety system shall confirm to is 302.
17	Safety Factor	Above2 times.
18	Input Output Coupling	Direct Coupling
19	Skirt Board and belt hander sheet.	150mmheight Stainless steel metal sheet with rubber beading
20	Take-Up	Screw Take-up

4. 15 Hp Hydraulic bailing press with storage bunkers

Supply and installation of double chamber double cylinder jumbo Hydraulic baling machine total Pressing capacity 90 Ton, Pressing chamber 1, 60 Ton(High density materials,)Pressing chamber 2, 30 ton (low density materials).

Sl no	Description.	Technical specifications.
1	Pressing capacity	Pressing chamber 1, 60 Ton(High density materials,)Pressing chamber 2, 30 ton (low density materials).
2	Standard	Balling machine for Pressing / Compressing products like Aluminum Can , Cardboard (OCC, Carton), disposable plastic, Tetra pack, Paper , card board, LD, HD, Items Cellulose Fiber, Chopped Straw / Hay, Cotton Pulp, Disposable Tableware, Foam (Sponge), Hops, Mineral Cotton Fiber (Asbestos), Paper (ONP, OMG, Kraft Paper), Plant Fiber (Coconut / Coir Fiber, Palm Fiber, Abaca Fiber), Shredded Paper, Soft Plastic (eg.Plastic Film, Plastic Bag), Synthetic Fiber (Polyester Fiber), Textile (Used Clothes, Wiper Rag, Quilt, Pillow, Towel, Shoe, Carpet), Un-chopped Straw / Forage / Hay (Rice / Wheat Straw, Corn Silage, Alfalfa, Lucerne), Urban Waste, Coco Peat, Hollow Plastic (PET Bottle, HDPE Jar, PP Container) Materials MS, ISMC Angel sheet etc
3	Storage bunkers.	2 QMT Ms fabricated storage bunker auto felled to the machine. Hydraulic hand Lever operated door its fixing to the balling machine feeding top.
4	Materials of the balling machine.	M S
5	Total Pressing chamber volumes.	0.8 cubic meter
6	Weight of bale block in kg.	100 to 280 kg. (Depend up on material density).
7	Cylinder speed Forward.	120mm/sc
8	Cylinder speed Reverse.	160mm/sc
9	Cylinder time per bale in minutes.	15 To 20. (Depend up on material density).
10	Number of hydraulic cylinder.	Main cylinder chamber 1 bore 200mm, Road 140mm, chamber 2 bore 130 & road 90mm,Type of operation Chamber 1 &2 Hand lever type, Redial piston pump for HP and vain pump for L p.2Gauge 0-400 kg/cm2, As per IS-3624, EN-837, EN-13190 STANDARD AS APPLICABLE5'' Hydraulic oil level indicator, Pressure control valve,
11	Number of door.	3 Door
12	Bale ejection.	Same auto with rope type ejection.
13	Machine Flat form height.	Suitable for palate trolley.
14	Feed opening	Suitable to storage bunkers.
15	Power	15hp/10 Kw3 phase, 415V, 50Hz, 3 phase Electric motor.
16	Type of operation	Hand lever type.
17	Electrical Connection	MPCB, load backer switch, power controllers, power terminal box, control terminal block, indication lamp with push button,

		emergency. Button with control panel.
18	Types of pump	Redial piston pump for HP and vain pump for L p.
19	Gauge	0-400 kg/cm2, As per IS-3624, EN-837, EN-13190 STANDARD AS APPLICABLE
20	indicators	5'' Hydraulic oil level indicator
21	Oil Tank Capacity	350 Liters oil tank.
22	Feature	Arrangements for tying the block using Binding wire or plastic strap.
23	Overall Height	13 to 15. ft.
24	Hydraulic oil	ISO VG 680
25	Painting	Corrosion resistant paint
26	Structure	MS sheet, angel, ISMC canal
27	Additional parameters.	The machine should be painted and power coated to avoided rust.
		Electrical safety system shall confirm to IS 302.
		Instruction manual service details, maintenance manual to be provide with the machine.
		Installation and demonstration to be completed by the seller before acceptance of the item.

5. Material handling Semi-electric stacker

Sl no	Description.	Technical specifications.
1	Capacity (KG)	1000
2	Lifting Height (MM)	4200
3	Mast Type	Depend on height
4	Lowered Height of Fork (MM)	90
5	Fork Outer Distance (MM)	550
6	Fork Length (MM)	1150
7	Overall Width (MM)	760
8	Turning Radius (MM)	1600
9	Wheel (Drive / Load) Type	PU or NBR
10	Size of Steering Wheel (MM)	Ø220+*80
11	Size of Loading Wheel (MM)	Ø180+*80

6. Electrical low tension panel Building wiring& power distribution board.

SL NO	DESCREPTION WITH TECHNICAL SPECIFICATIONS
1	200 amps moulde case circuit breaker (MCCB) 35ka 4 pole with short ckt, earth leakage and over load, safety…
2	Rotary handle for MCCB for door operated
3	Speder links for MCCB input and out put
4	Multy function meter for IT panel incomer side for showing amps, volts…
5	Current transformers 200\5 Amps, class 1, 5 VA moulded type
6	Earth leakage relay with CBCT for LT panel incomer
7	230 V AC red, yellow, blue indications for phase indicate
8	6 Amps 3 Pole MCB for metering control circuit
9	Copper busbar for IT panel input and out put
10	32 Amps 4 pole MCB and industrial plug and socket for machines input connections, with box : 6 nos
11	308 Sqm building wiring cables as per required Amps rating
13	Shunt trip for LT panel MCCB for using through ELR
14	Metering panel to LT panel armode cable, lugs and sleeves
15	Acrylic shoding for live connections and places
16	Safety instructions stickers and name plates for LT panel

7. Digital weighing machine of capacity 1 tons with LED display and printer

Sl no	Description.	Technical specifications.
1	Capacity	1000kg
2	Platter Size (mm)	1200 x 1500
3	Load cell	Four Load cell Platform with MS Cheq. Platter
4	Accuracy (g)	200G
5	Platter MOC	MS Chequered
6	Power supply	230V AC, 50Hz
7	Power consumption	13W
8	Display type	Green Vacuum Fluorescent Display(VFD)
9	Display type	6 Digits
10	Display size	13mm
11	No. of Keys	5 keys
12	Rechargeable battery	6V/4Ah
13	printer	Ÿ80 Column printer
14	Display	25mm / 50mm Jumbo Display

8. Swivel High Counter Bar Stool with metal height adjustable bar chair.

Sl no	Description.	Technical specifications.
1	Swivel High Counter Chair	Barstool, Adjustable Height 20 to 30” Stool Chairs, Counter Height Swivel Bar Stools with backrest, Bar Chair, Counter Stool, Fabric Bar Chair

9. Stainless steel cage trolley.

S.NO	DESCRIPTION	TECHNICAL SPECIFICATION
1	Material	MS base frame Stainless steel Body.
2	Shape	Rectangular
3	Capacity	3 cubic meter
4	Finishing	Polished
5	Number Of Wheels	4 nos.
6	NO of Door	2 door

10. **HDPE Waste** Containers 100 ltr Capacity with recognized ISO brand with a minimum weight of 4.5kgs (Rate taken from Gem Portal)

SECTION VI - GENERAL CONDITIONS OF CONTRACT

1. *Definitions*

The following words and expressions shall have the meanings hereby assigned to them:

a) "Contract" means the Agreement entered into between BSWML and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

b) "Contract Documents" means the documents listed in the Agreement, including anyamendments thereto.

c) "Contract Price" means the price payable to the Supplier as specified in the Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

d) "Day" means calendar day.

e) "Delivery" means the transfer of the Goods from the Supplier to BSWML in accordance withthe terms and conditions set forth in the Contract.

f) "Completion" means the fulfillment of the Related Services by the Supplier in accordancewith the terms and conditions set forth in the Contract.

g) "GCC" mean the General Conditions of Contract.

h) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to BSWML under Contract.

i) "Purchaser" means BSWML purchasing the Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC

j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training (operator and driver during maintenance period (7 years)) and maintenance and other similar obligations of the Supplier under the Contract.

k) "SCC" means the Special Conditions of Contract.

l) "Supplier" means the natural person, private or government entity, or a combination of theabove, whose bid to perform the Contract has been accepted by BSWML and is named as such in the Agreement, and includes the legal successors or permitted assigns of the Supplier.

m) "Successful Bidder" means the Manufacturer /Authorized dealer or a consortium company or a combination of the above, whose bid to perform the Contract has been accepted by BSWML and is named as such in the Agreement, and includes the legal successors or permitted assigns of the Successful bidder.

2. *Contract Documents*

Subject to the order of precedence set forth in the Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory.

3. *Corrupt and Fraudulent Practices*

The Government requires that Bidder/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of Government financed contracts. In pursuance of this policy, the Government:

a) Defines for the purposes of this provision, the terms set forth as follows:
   i "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
   ii (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of theGovernment, and includes collusive practice among Bidders (prior to or after tender submission) designed to establish tender prices at artificial non-competitive levels andto deprive the Government of the benefits of free and open competition;

b) will reject a proposal for award if it determines that the Bidder recommended for awardhas engaged in corrupt or fraudulent practices in competing for the contract in question;

c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a government financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a government-financed contract. Minimum eligibility criteria for participation in the bids are: -

Bidders should not be associated, or have associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of bids

4. *Interpretation*

I. If the context so requires it, singular means plural and vice versa.

II. *Entire Agreement*

The Contract constitutes the entire agreement between BSWML and the Supplier and Supersedes all communications, negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract.

III. *Amendment*

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized Representative of each party there to.

IV. *Severability*

If any provision or condition of the Contract is prohibited or rendered invalid or Unenforceable, such prohibition, invalidity or unenforceability shall not affect the Validity or enforceability of any other provisions and conditions of the Contract.

5. *Language*

The Contract as well as all correspondence and documents relating to the Contract exchanged by the

Supplier and BSWML, shall be written in English or Hindi language. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in English or Hindi language, in which case, for purposes of interpretation of the Contract, this translation shall govern.

The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.

6. Joint Venture, Consortium or Association

Joint venture, consortium, are not allowed to participate in the bid. Only manufacturers or authorized dealers of the manufacturer shall participate in the tender.

7. Notices

Any Notice given by one party to the other pursuant to the Contract shall be in writing. The term "in writing" means communicated in written form with proof of receipt.

A Notice shall be effective when delivered or on the Notice's effective date, whichever is later.

8. Jurisdiction

For all legal matters Jurisdiction shall be Bengaluru only.

9. Scope of Supply

The Procurement and Installation of Tools and Equipment for DWCC to be supplied shall be as per Schedule of Supply mentioned in the bid document

Unless otherwise stipulated in the Contract, the Scope of Supply shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Delivery and Completion of the Procurement and Installation of Tools and Equipment for DWCC as if such items were expressly mentioned in the Contract.

10. Delivery

The Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion at BSWML

11. Supplier's Responsibilities

The Supplier shall Supply, Construction, Installation, Commissioning and Maintenance all the Procurement and Installation of Tools and Equipment for DWCC Conservancy included in the Scope of Supply in accordance with Delivery and Completion Schedule.

12. Contract Price

Prices charged by the Supplier for the Goods delivered and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid.

13. Terms of Payment

The Supplier's request for payment shall be made to BSWML in writing, accompanied by invoices describing, as appropriate, the Procurement and Installation of Tools and Equipment for DWCC delivered, commissioned and tested and also Related Services performed, and by the documents submitted pursuant upon fulfillment of all the obligations stipulated in the Contract.

The payments to the bidder shall be as follows.

Sl. No.	Activity	Period of completion	% Of payment release	Documents required
Supply, Construction, Installation, Commissioning and Maintenance for a period of 60 months of Dry Waste Collection Centre Equipments & facilities at 20 DWCCs				
a	Supply of Tools and Equipment for D60WCC	120 days from the date of agreement	60% of the total cost	Delivery report, necessary quality certificates with photographs & Certification from Engineer incharge
b	Construction, Installation, Commissioning of Tools and Equipment for DWCC	180 days from the date of agreement	10% of the total cost	Commissioning, Trail Run report Certification from Engineer incharge
c	After satisfactory completion of year wise maintenance	Every year from the date of Commissioning & trail run	5% of total cost after every year of successful operations (For 5 years)	Certification from Engineer incharge
d	After satisfactory completion of the 5 years of maintenance	5 years from the date of Commissioning	5% of the total cost	Certification from Engineer incharge

Payments shall be made promptly by BSWML, after submission of an invoice or request for payment by the Supplier, and BSWML has accepted it.

14. Taxes and Duties

For Procurement and Installation of Tools and Equipment for DWCC supplied, the Supplier shall be entirely responsible for all taxes, duties, license Insurance fees, etc., incurred until

delivery of the contracted Procurement and Installation of Tools and Equipment for DWCC to BSWML.

15. Performance Security

Within 15 days of receipt of the notification of contract award, the Supplier shall furnish Performance Security to the Purchaser for an amount of 5% of the Contract Value, valid up to 60 days after the date of completion of performance obligations including Warranty obligations. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected/replaced material shall be extended to a further period of 60 months and the Performance Bank Guarantee for proportionate value shall be extended 60 days over and above the initial Warranty period.

The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

The Performance Security shall be denominated in Indian Rupees and shall be in one of the following forms:

A Bank guarantee or irrevocable Letter of Credit, issued by a Nationalized/Scheduled bank in the form provided in the tender documents or another form acceptable to the Purchaser or

A crossed demand draft or pay order drawn in favor of the Purchaser.; or

The Performance Security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any Warranty obligations, under the Contract.

In the event of any contract amendment, the Supplier shall, within 20 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract as amended for 60 days after the completion of performance obligations including Warranty obligations.

16. Copyright

The copyright in all documents, and other materials containing data and information furnishedto BSWML by the Supplier herein shall remain vested in the Supplier, or, if they are furnished toBSWML directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

17. *Confidential Information*

BSWML and the supplier shall not misuse documents, data, and other information received fromthe Supplier for any purposes related to the Contract.

18. *Subcontracting*

The Supplier is not allowed to subcontract.

19. *Specifications and StandardsTechnical Specifications*

The Supplier shall ensure that the Supply, Construction, Installation, Commissioning and Maintenance of Tools and Equipment for DWCC Conservancy comply with the technical specifications and other provisions of the Contract. The Procurement and Installation of Tools and Equipment for DWCC supplied under this Contract shall confirm to the standards mentioned Schedule of Supply and,when no applicable standard is mentioned, the standard shall be equivalent or superior to theofficial standards whose application is appropriate.

20. *Packing and Documents*

The Supplier shall provide such packing of the Procurement and Installation of Tools and Equipment for DWCC Conservancy as isrequired to prevent their damage or deterioration during transit to their final destination, asindicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination of the Procurement and Installation of Tools and Equipment for DWCC Conservancy and the absence of heavy handling facilities at all points in transit.

The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any and in any other instructions ordered by BSWML.

21. *Insurance*

The Procurement and Installation of Tools and Equipment for DWCC Conservancy supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery. The supplier has to do transit insurance of all the equipment and vehicles up to BSWML workshop/store.

22. *Transportation*

Transportation of the Goods shall be in accordance with the Schedule of Supply.

23.Inspections and Tests

The Successful Bidder shall carry out all tests and/or inspections of the Tools and Equipments by Govt. Authorized Quality inspection agencies.
The inspections and tests may be conducted on the premises of the Supplier, at point of delivery, and/or at the final destination of the Procurement and Installation of Tools and Equipment for DWCC Conservancy, if conducted on the premises of the Supplier, all reasonable facilities and assistance, access to drawings and production data, shall be furnished to the inspectors at no charge to BSWML.

BSWML designated representative shall be entitled to attend the tests and/or inspections.

Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to BSWML. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable BSWML its designated representative to attend the test and/or inspection.

BSWML may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impede the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

The Supplier shall provide BSWML with a report of the results of any such test and/or inspection.

BSWML may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to BSWML, and shall repeat the test and/or inspection, at no cost to BSWML.

The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by BSWML its representative, nor the issue of any report pursuant shall release the Supplier from any warranties under the Contract.

24. Liquidated Damages

If the Supplier fails to deliver any or all of the Goods or perform the Related Services within

the period specified in the Contract, BSWML may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the Contract Price for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in the SCC. Once the maximum is reached, BSWML may terminate the Contract.

25. Warranty

The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

The Supplier further warrants that the Goods shall be free from defects arising from any actor omission of the Supplier or arising from design, materials, and workmanship, under normalconditions.

BSWML shall give Notice to the Supplier stating the nature of any such defects together with allavailable evidence thereof, promptly following the discovery thereof arising under this warranty.

Upon receipt of such notice, the Supplier shall, **within the period specified in the SCC,** andwith all reasonable speed, repair or replace the defective Goods or parts thereof, free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected or replaced material shall be extended to a further period of 12 months.

If the Supplier, having been notified, fails to remedy the defect(s) **within the period specified in the SCC,** BSWML may proceed to take such remedial action as may be necessary,at the Supplier's risk and expense and without prejudice to any other rights which the BSWML may have against the Supplier under the Contract.

26. Limitation of Liability

Except in cases of gross negligence or willful misconduct:

Neither party shall be liable to the other party for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to BSWML; and

a) The aggregate liability of the Supplier to BSWML, whether under the Contract, in tort, or otherwise, shall not exceed the amount specified in the SCC, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Supplier to indemnify BSWML with respect to patent infringement.

27. Force Majeure

The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages,or termination for default if and to the extent that it's delay in performance or other failureto perform its obligations under the Contract is the result of an event of Force Majeure.

For purposes of this Clause, "Force Majeure" means an event or situation beyond the control ofthe Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of BSWML in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify BSWML in writing of such condition and the cause thereof.

28. Extension of Time

If at any time during performance of the Contract, the Supplier or its Subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services,the Supplier shall promptly notify BSWML in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, BSWML shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment.

Except in case of Force Majeure, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages, unless an extension of time is agreed upon.

29. Termination

Termination for Default

a) BSWML, without prejudice to any other remedy for breach of Contract, by Notice of default sent to the Supplier, may terminate the Contract in whole or in part:

i. If the Supplier fails to deliver any or all of the Goods within the period specified inthe Contract, or within any extension thereof granted by BSWML.

ii. If the Supplier fails to perform any other obligation under the Contract.

b) In the event BSWML terminates the Contract in whole or in part, BSWML may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similarto those undelivered or not performed, and the Supplier shall be liable to BSWML for any additional costs for such similar Goods or Related Services.

c) If the Supplier, in the judgment of BSWML has engaged in corrupt or fraudulent practices, incompeting for or in executing the Contract.

Termination for Insolvency

BSWML may at any time terminate the Contract by giving Notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect anyright of action or remedy that has accrued or will accrue thereafter to BSWML.

Termination for Convenience

a) BSWML, by Notice sent to the Supplier, may terminate the Contract, in whom i.e., or in part,at a time for its convenience. The Notice of termination shall specify that termination be for

BSWML convenience, the extent to which performance of the Supplier under the Contract isterminated, and the date upon which such termination becomes effective.

30. Assignment

Neither BSWML nor the Supplier shall assign, in whole or in part, their obligations under thisContract, except with prior written consent of the other party

SECTION VII - SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

Sl. No.	Special Conditions of Contract
1	Upon delivery of the Tools and Equipment for DWCC, the Supplier shall notifyBSWML and send the following documents to BSWML: 3 copies of the Supplier's invoice showing the description of the Goods, quantity,unit price, and total amount; (a) Manufacturer's or Supplier's warranty certificate; (b) Inspection certificate issued by the Government / nominated inspection agency by BSWML, and the Supplier's factory inspection report; and (c) Certificate of origin. (d) Receipt of Goods from the authorized officer by Managing Director of BSWML along with details of stock entry in BSWML. (e) Physical inspection report of authorized officer of BSWML.
2	The prices shall be fixed. No price adjustments shall be paid.
3	Third party inspection by Govt. Authorized Quality inspection agencies will bedone.
4	Payment of the Contract Price shall be made in the following manner (a) On Receipt: The Purchaser shall pay the Successful bidder 60 percent of thecapital Price after supply of the all Tools and Equipment for DWCC to BSWML. (b) On Construction, Installation, Commissioning of Tools and Equipment for DWCC: The Purchaser shall pay the Successful bidder 10 percent of thecapital Price after supply of the all Tools and Equipment for DWCC to BSWML (c) Annual maintenance completion Payment: 5 percent shall be paid on successful completion of every 12 months of maintenance (for the 5 years) (d) Maintenance completion Payment: The remaining 5 percent shall be paid on successful completion of the maintenance period of 60 months **(e) Inspection charges: The third-party inspection charges should be paid by thebidder.**
5	The currencies for payments shall be Rupees (INR)

6	The BSWML shall not be responsible for any of the taxes, duties and levies imposed on supplier.
7	The Supplier shall provide a Performance Security of 3% of the Contract Price.The Performance Security shall be denominated in Indian Rupees only.
8	The types of acceptable Performance Securities are: A Bank guarantee or irrevocable Letter of Credit, issued by a Nationalized/Scheduled bank in the form provided in the tender documents or another form acceptable to the BSWML or crossed demand draft or pay order drawn in favour of the BSWML
9	Discharge of Performance Security shall take place: 5% performance security will be released at the end of maintenance period of the Procurement and Installation of Tools and Equipment for DWCC
10	The packing, marking and documentation within and outside the packages shallbe as mutually agreed between the Purchaser and Supplier prior to delivery of the Tools and Equipment for DWCC
11	The insurance coverage shall be in accordance with: The Supplier will insure theTools and Equipment for DWCC in an amount equal to 100 percent of the price of the Installation of Tools and Equipment for DWCC from "Warehouse" to "Warehouse" on "All Risks" basis, including War Risks and Strikes. The bidder should supply the vehicles and equipment's with transit insurance up to BSWML workshop/site.
12	Obligations for transportation of the Goods shall be on the supplier.
13	(a) The Supplier, Purchaser and Third Party from the Government or as appointed by BSWML may jointly conduct inspections and testing of the Goods atSupplier Place before delivery to BSWML prior to issuance of the authorization for delivery by the BSWML. All costs involved in arranging and performing of suchinspections and tests shall be borne by the Supplier. (b) The Supplier, BSWML shall jointly conduct final inspections and testing of the Tools and Equipment for DWCC Conservancy after delivery to prior to acceptance of the Installation of Tools and Equipment for DWCC
14	Tests and Inspections shall be carried out at the specified times or milestones,and places as specified Schedule of Supply.
15	The BSWML may require witnessing, prior to award of contract, the demonstrationat any of the site where the bidder had claimed for experience. The bidder has to make necessary arrangements for such demonstration at the selected site.
16	The liquidated damage shall be: 0.75% of contract value per Site per week
17	The maximum amount of liquidated damages shall be: 10% of the contract price
18	The period of validity of the Warranty shall be: 12 months from date of completion of contract
19	The period of validity of the maintenance shall be: 60 months from date of commissioning / trail run of the machinery
20	The amount of aggregate liability shall be: Equal to contract price

SECTION VIII - CONTRACT FORMS

ANNEXURE 1- PERFORMANCE SECURITY

Invitation for Bid No.:_____ Date: (Insert date)

To,

The Chief General Manager (Tech),
BSWML, 1st Floor, UNI Building, Thimmaiah Road,
Millers Tank Bund Area, Vasanthnagar, Bengaluru – 560 052

WHEREAS [insert complete name of Supplier] (hereinafter "the Supplier") has undertaken, pursuant to Contract No. [Insert number] dated [insert day and month], [insert year] to supply [brief description of the Conservancy (Bleaching Powder) (hereinafter "the Contract").

AND WHEREAS it has been stipulated by you in the aforementioned Contract that the Supplier shall furnish you with a security [insert type of security] issued by a reputable guarantor for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS the undersigned [insert complete name of Guarantor], legally domiciled in [insert complete address of Guarantor], (hereinafter "the Guarantor"), have agreed to give the Supplier a security:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [insert currency or currencies and amount of guarantee in words and figures] and we undertake to pay you, upon your first written demand declaring the Supplier to bein default under the Contract, without cavil or argument, any sum or sums within the limits of [insert currency or currencies and amount of guarantee in words and figures] as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein. -

This security is valid until the [insert day, month, and year]. **Name [insert complete name of person signing the Security]**

In the capacity of [insert legal capacity of person signing the Security]

Signed [insert signature of person whose name and capacity are shown above]

Duly authorized to sign the security for and on behalf of [insert seal and complete name of Guarantor] Date [insert date of signing]

ANNEXURE 2 - STRUCTURE AND ORGANIZATION

DETAILS OF ORAGANISATION OF MANUFACTURERS / APPROVED DEALERS/ CONSORTIUM TO BE SUBMITTED

1. (a) Name:

   (b) Country of incorporation:

   (c) Address of the corporate headquarters and its branch office(s), if any,in India:

   (d) Date of incorporation and/ or commencement of business:

2. Brief description of the Company including details of its main lines of businessand proposed role and responsibilities in this Package:

3. Details of individual(s) who will serve as the point of contact/ communication for the Authority:

   (a) Name:

   (b) Designation:

   (c) Company:

   (d) Address:

   (e) Telephone Number/mobile number:

   (f) E-Mail Address:

   (g) Fax Number:

4. Particulars of the Authorized Signatory of the Bidder:

   (a) Name:

   (b) Designation:

   (c) Address:

   (d) Phone Number:

   (e) Fax Number:

5. In case of a Consortium:

   (a) The information above (1-4) should be provided for all the Members ofthe Consortium.

   (b) A copy of the Memorandum of Understanding, should be attached to the Bid.

   (c) Information regarding role of each Member should be provided as pertable below:

Sl. No.	Name of Member	Role* { Refer Clause 3 }
1.		
2.		

* *Member Code shall indicate NA for Not Applicable in case of a single entity Bidder. For otherMembers, the following abbreviations are suggested viz. LM means Lead Member and OM means Other Member*.

(d) The following information shall also be provided for each Member of the Consortium:

Name of Bidder/ member of Consortium:

No.	Criteria	Yes	No
1.	Has the Bidder/ constituent of the Consortium been barred by the Central/ State Government, or any entity controlled by them, from participating in any project (DBOT or otherwise).		
2.	If the answer to 1 is yes, does the bar subsist as on the date of Bid.		
3.	Has the Bidder/ constituent of the Consortium paid liquidated damages of more than 5% of the contract value in a contract due to delay or has been penalized due to any other reason in relation to execution of a contract, in the last three years?		

6. A statement by the Bidder and each of the Members of its Consortium (whereapplicable) disclosing material non-performance or contractual non-compliance in past projects, contractual disputes and litigation/ arbitration in the recent past is given below (Attach extra sheets, if necessary)

Signature of the Applicant

Seal:

ANNEXURE 3 - KEY PERSONNEL

Details of key technical and Administrative Personnel with the applicant and those that would beassigned to the work.

A.	Details of the Board of Directors / Partners		
	a)	Name of the Director / partner	
	b)	Organization	
	c)	Address	
	d)	Remarks	
B.	Key Technical and administrative personnel / Authorized signatory		
	a)	Individual's name	
	b)	Qualifications	
	a)	Present position of office	
	b)	Professional experience and details of works carried out	
	a)	Year with the applicant	
	b)	How the individual would be involved in the contract	
C.	Remarks.		

Signature of the Applicant

Seal:

ANNEXURE 4

A Details of related works completed for the last three years

1	Name of work	
2	Order placed by (Full address of Purchaser)	
3	Order No and date	
4	Total tendered cost of work	
5	Brief description of related works including principalfeatures and quantities of main items	
6	Period of completion	
	a) Originally stipulated time limit	
	b) Extended time limit	
	c) Actual time taken to complete of work in stipulated time limit / extended time limit	
	d) Reasons for non- completion of work instipulated time limit /extended time limit	
7	Name of applicants Engineer —in charge of the work	
8	Were there any penalties /fines /stop notices /compensations/ liquidated damages imposed? (yes/No) (if yes, give amount and explanation)	

Signature of the Applicant

B. Format for Certificate of Experience:

(On the Letterhead of the Govt/semi govt/Urban local bodies/PSU's)

Date:

TO WHOMSOEVER IT MAY CONCERN

This is to certify that_____(name of the Bidder(s) has carried out the following activities as part of its services towards supply of Procurement and Installation of Tools and Equipment for DWCC during the period _ and /carried out the supply of_ no of Tools and Equipment for DWCC.

The details are as listed below:

i. Number of Tools and Equipment supplied and commissioned

This certificate is being issued to be produced before Bengaluru Solid Waste Management Limited ("BSWML"), for the Project Supply of Procurement and Installation of Tools and Equipment for DWCC.

Signature and Seal of the
Authorized Signatory of the Agency

ANNEXURE 5 - FINANCIAL STATEMENT

INFORMATION REGARDING FINANCIAL STANDING OF THE APPLICANT.

(In Rs.)

Bidder type	Average Annual Turnover for past three years		
	Year 1	**Year 2**	**Year 3**
Single entity Bidder/ Lead Member			
Other Member of Consortium			
Total			

Name & address of Bidder's Bankers:

Any Bidder consisting of a single entity should fill in details as per the row titled Single entityBidder and ignore the rows titled Consortium Members. In case of a Consortium, row titled Single entity Bidder may be ignored.

Instructions:

1. Bidder shall submit the Turnover details.
2. The Bidder/ its constituent Consortium Members shall attach copies of the balance sheets, financial statements and Annual Reports for the latest financial year preceding the Bid Due Date. The financial statements shall:
   (a) Reflect the financial situation of the Bidder or Consortium Members;
   (b) Be audited by a statutory auditor/chartered accountant in case of individuals, registered sole proprietorship firm and registered partnership firm;
   (c) Be complete, including all notes to the financial statements; and
   (d) Correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).
3. Year 1 shall be the latest completed financial year, preceding the Bid Due Date. Year2 shall be the year immediately preceding Year 1 and so on. In case the Bid Due Datefalls within 3 (Three) months of the close of the latest financial year.
4. The Bidder shall provide a Statutory Auditor's Certificate/Chartered Accountant specifying the Turnover of the Bidder and also specifying the methodology adopted for calculating such net worth/turnover in the format given below.

5. For the purpose of the RFP, Annual Turnover shall mean:

   The total revenues as indicated in the audited annual statements.

6. Experience (Technical Capacity and Financial Capacity) of only the Bidder(s)/Members of consortium would be considered shall be considered. Experience of associate company/parent company/ subsidiary company shall not be considered for qualification purposes.

The Bidder shall provide an Auditor's Certificate specifying the turnover of the Bidder andalso specifying the methodology adopted for calculating such turnover.

Signature of the Applicant Seal:

ANNEXURE 6 - LIST SHOWING RELATIVE OF THE APPLICANT WORKING IN BSWML

Sl. No.	Name of Employee	Relationshipwith the applicant	Name of the Relation who are near relatives to Officers mentionedin col. 2	Remarks
(1)	(2)	(3)	(4)	(5)

Signature of the Applicant

ANNEXURE 7 - INFORMATION REGARDING ANTI-BLACKLISTING - AFFIDAVIT

(On a Stamp Paper of value of Rs.100)

I, M/s ..... (Single Business Entity / Lead Member/ Other Member/s), (the names and addresses of the registered office) hereby certify and confirm that we or any of our promoter/s / director/s are not barred by Bengaluru Solid Waste Management Limited ("BSWML")/ any other entity of Government of Karnataka or blacklisted by any state government or central government / department / urban local body / agency in India from participating in bidding process, either individually or as member of a Consortium as on the_____(Bid Due Date).

We further confirm that we are aware that our Proposal for the Assignment would be liable forrejection in case any material misrepresentation is made or discovered with regard to the requirements of this RFP at any stage of the Bidding Process or thereafter during the agreement period.

Dated this .....…Day of ....., 20….

Name of the Bidder

Signature of the Authorised personName of the Authorised Person

To be executed separately by all the Members in case of Consortium

[Notary Seal and Signature]

ANNEXURE 8: POWER OF ATTORNEY FOR SIGNING OF BID

(On a Stamp Paper of value of Rs.100)

Know all men by these presents, We ..... (name of the firm and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authorize Mr/ Ms (name), ... son/daughter/wife of ..... and presently residing at ....., who is presently employed with us/ the Lead Member of our Consortium and holding the position of ..... , as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Bid in respect of the Assignment provided in Letter of Bid for Procurement and Installation of Tools and Equipment for DWCC BSWML limits.

(hereinafter referred to as BSWML) including but not limited to signing and submission of allBids, bids and other documents and writings, participate in the Bidding Process and other conferences and providing information/ responses to the Authority , representing us in all matters before the Authority , signing and execution of all contracts including the Agreementand undertakings consequent to acceptance of our bid, and generally dealing with the Authority in all matters in connection with or relating to or arising out of our bid for the said Assignment and/ or upon award thereof to us and/or till the entering into of the Agreement with the Authority .

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things lawfully done or cause

ed to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, ..., THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS …… DAY OF ....., 2....

For .....

(Signature, name, designation and address) Witnesses:

1.

2.

(Notarized)Accepted

..... (Signature) (Name, Title and Address of the Attorney)

Notes:

- *The mode of execution of the Power of Attorney should be in accordance with theprocedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.*
- *Wherever required, the Bidders should submit for verification the extract of the charter documents and documents such as a resolution/ power of attorney in favor of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.*
- *For a Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction wherethe Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate.*

ANNEXURE 9: POWER OF ATTORNEY FOR LEAD MEMBER OF CONSORTIUM

(On a Stamp Paper of value of Rs.100)

Whereas the **Bengaluru Solid Waste Management Limited ("BSWML")** has invited Bids from interested parties for Supply Procurement and Installation of Tools and Equipment for DWCC BSWML limits. ("the Assignment").

Whereas, ..., ..., and ..... (Collectively the "Consortium") being Members of the Consortium are interested in bidding for the Assignment listed in Letter of Bid in accordance with the terms and conditions of Request for Proposal (RFP) and other connected documents in respect of the Assignment, and

Whereas, it is necessary for the Members of the Consortium to designate one of themas the Lead Member with all necessary power and the Authority to do for and on behalf of the Consortium, all acts, deeds and things as may be necessary in connection with the Consortium's bid for the Assignment and its execution.

NOW THEREFORE KNOW ALL MEN BY THESE PRESENTS

We, _____ having our registered office at _____, M/s. _____, having our registered office at _____, and M/s. _____, having our registered office at_____, [the respective names and addresses of the registered office] (hereinafter collectively referred to as the "Principals") do hereby irrevocably designate, nominate, constitute, appoint and authorize M/s _____, having its registered office at ____, being one of the Members of the Consortium, as the Lead Member and true and lawful attorney of the Consortium (hereinafter referred to as the "Attorney") and hereby irrevocably authorize the Attorney (with power to sub-delegate) to conduct all business for and on behalf of the Consortium and any one of us during the Bidding Process and,in the event the Consortium is awarded the Right/ Contract, during the execution of the Assignment, and in this regard, to do on our behalf and on behalf of the Consortium, all or any of such acts, deeds or things as are necessary or required or incidental to the submission of its Bid for the Assignment, including but not limited to signing and submission of all applications, Bids and other documents and writings, participate in Bidders' and other conferences, respond to queries, submit information/ documents, sign and execute contracts and undertakings consequent to acceptance of the Bid ofthe Consortium and generally to represent the Consortium in all its dealings with the Authority, and/ or any other Government Agency or any person, in all matters in connection with or relating to or arising out of the Consortium's Bid for the Assignmentand/ or upon award thereof till the Agreement is entered into with the Authority.

AND hereby agree to ratify and confirm and do hereby ratify and confirm all acts,deeds and things lawfully done or caused to be done by our said Attorney pursuant toand in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us/ Consortium.

IN WITNESS WHEREOF WE THE PRINCIPALS ABOVE NAMED HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS ..... DAY OF .....20__

For _____

(Name & Title)

For _____

(Name & Title)

For _____

(Name & Title)

Witnesses:

1

2

(Executants)

(To be executed by all the Members of the Consortium)

Notes:

- *The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed inaccordance with the required procedure*.
- *Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a resolution/ power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.*
- *For a Power of Attorney executed and issued overseas, the document will also have to be legalised by the Indian Embassy and notarised in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by the Bidders from countries that have signed the Hague Legislation Convention 1961 are not required to be legalised by the Indian Embassy if it carries a conforming Apostille certificate.*

ANNEXURE 10 - MEMORANDUM OF AGREEMENT (MOA) IN CASE OF CONSORTIUM

MEMORANDUM OF AGREEMENT (MOA) IN CASE OF CONSORTIUM PROPOSAL
(to be executed on appropriate value of Non-Judicial Stamp Paper of Rs 100 as per the Stamp Act Prevailing in the State of Maharashtra) DULY ATTESTED BY NOTARY PUBLIC)

This Memorandum of Understanding (MoU) entered into this day of------- 2022_ at _____

Among
_____ (*hereinafter referred as" ----------") and having office at India* **Party of the First Part**
And
_____ *(hereinafter referred as" ----------") and having office at India* **Party of the Second Part**
And
_____ *(hereinafter referred as" ----------") and having office at India* **Party of the Third Part**

The parties are individually referred to as Party and collectively as Parties.
WHEREAS the *Authority has invited Proposals from interested Firms / Consortiums for Appointment of Private operator for development of the [Service] through a Concession agreement*
AND WHEREAS *the Parties have had discussions for formation of a Consortium for bidding for the said Service and have reached an understanding on the following points with respect to the Parties" rights and obligations towards each other and their working relationship.*
IT IS HEREBY AS MUTUAL UNDERSTANDING OF THE PARTIES AGREED AND DECLARED AS FOLLOWS:
1. That M/s _____ who is the Lead Members of the Consortium commits to hold lead membership of the Consortium at all times during the Concession Period.

2. That the commitments to the project shall be recorded in the Concession Agreement and no changes shall be allowed thereof, except in accordance with the provisions of the Concession Agreement and the Request for Proposal.

3. That the Parties shall carry out all responsibilities as Private Service Provider in terms of the Concession Agreement.

4. That the roles and the responsibilities of each Party at each stage of the Bidding shall be as follows:

Name of Consortium member	Role (Lead Member or Member)	Responsibilities

5. That the Parties affirm that they shall implement the Service in good faith and shall take all necessary steps to see the Service through expeditiously. They shall not negotiate with any other party for this Service.

6.That the parties shall be jointly and severally liable for execution of the Service.

7.That this MoU shall be governed in accordance with the laws of India and courts in [Service State], India shall have exclusive jurisdiction to adjudicate disputes arising from the terms herein.

In witness whereof the Parties affirm that the information provided is accurate and true and have caused this MoU to be duly executed on the date and year above mentioned.

Name, Designation and Signature of

Authorised signatory of Party of the first part:

Authorised signatory of Party of the second part:

Authorised signatory of Party of the third part:

Witness 1

Witness 1

ANNEXURE 11- Format for Banker's Certificate/ Credit Lines/ Letter of credit

To,

_____

_____

_____

Sir/Madam,

Subject: Banker's Certificate/ Credit Lines/ letter of credit.....

RFP Ref No.....

This is to Certify that M/s …….. is a reputed company with a good financial standing. If the contract for this work, Namely "……" is awarded to the firm, we shall be able to provide overdraft/credit facilities to the extent or Rs …….. Lakhs to meet the requirements for executing the above contract.

Name of the Bank, Senior Bank Manager with Signature

Address.....

Banker's Signature
Name: Designation
Seal:

Note: The Certificate Should be Un-conditional

ANNEXURE 12- ADDITIONAL INFORMATION

Please and any further information, which the applicant considers necessary in regard to thecapabilities.

(Please give a brief a brief note indicating why the applicant considers himself eligible forprequalification for the work.)

Signature of the Applicant

SECTION VIII Price BID

To be filled online only (E-portal only)

Name of work: Procurement and Installation of Tools and Equipment for DWCC.

Component – 1:

Sl. No.	Description of tools and equipment's	Qty	Unit	Unit Rate in Rs.	Total Amount in Rs.	
					In Figure	In Words
Procurement and Installation of Tools and Equipment for DWCC.						
1	**Feeding incline conveyor** -Supply and installation of Incline, T type cleated PVC nylon belt, Material Handled Municipal waste capacity in TPH 5 ton per hour Loading hopper, Loading storage hopper 5 cubic meter Storage hopper with MS matel body, Length Horizontal 8 Meter (Approx.) Angle Of Inclination300 dig, Profile Length9 meter (Approx.) Speed MPs 0.1 M/Sec VFD speed controls. belt Specification 18 meter Length x 800mm Width x 3 Ply - 6mm + 50mm Height Cleats, Pitch 500, Apex – Endless belt, Skirt Board 300 mm height Stainless steel metal sheet with rubber beading, Screw Take-up, Gear Box Reputation make ISO mark. Power motors 5HP, 1440 RPM, Potentiometer meter for VFD Speed control, MCB, load backer switch power terminal box, control terminal block, indication lamp with push button, control panel, emergency. Button, Electrical safety system shall confirm to be 302. Paint, Consumables & Fasteners including Labour charges 1set. EOI approved rate	20	Nos			
2	**Prose's bed conveyor with storage hoppers -** Supply and installation of Prose's bed conveyor Flatbed type PVC Conveyor Belt, municipal waste Handled (segregation) Conveyor Height 1 meter Total Profile Length 13 meter, Speed MPs 0.1 M/Sec VFD Speed controlled, belt Width in 800mm Belt Specification 28 meter Length x 800mm Width x 3 Ply - 5mm Endless belt.PVC belt, Skirt Board and belt hander sheet.150 mm height Stainless steel metal sheet with rubber beading, Storage hoppers 3 QMT Storage hoppers with Hydraulic hand lever operated, power pack Gear Box ISO brand Direct Coupling, Geared Motor VFD controlled. Power 2.2 KW, 3 Hp & 1 HP, Geared Motor VFD controlled, Electrical control panel Potentiometer meter for VFD Speed control, MCB, load backer switch power terminal box, control terminal block, indication lamp with push button, emergency. Button Electrical safety Electrical safety system shall confirm to be 302. Safety Factor above 2, times, its installation of 2.2 Mtr	20	Nos			

	height flat form, Paint, Consumables & Fasteners including Labour charges 1set. EOI approved rate					
3	**Pet bottle segregation mobile conveyor. -** Supply and installation of Pet bottle Segregation mobile conveyor PVC Conveyor Belt, Profile Flat belt. Material Handled Pet bottle (segregation) have duty caster PU Wheels size 6" Fixed and brake type, Conveyor Height 1 meter, total Profile Length 8 meter, Speed MPs 0.1 M/Sec VFD Speed controlled, Belt Width in mm 800,Belt Specification 18 meter Length x 800mm Width x 3 Ply - 3mm Endless PVC belt, Skirt Board and belt hander sheet.150 mm height Stainless steel metal sheet with rubber beading, Screw type Take-up, Direct Coupling, Power 1.2 KW, 2 Hp Geared Motor VFD controlled ISO brand, Electrical control panel Potentiometer meter for VFD Speed control, MCB, load backer switch power terminal box, control terminal block, indication lamp with push button, emergency. Button Electrical safety Electrical safety system shall confirm to be 302. Paint, Consumables & Fasteners including Labour charges 1set. EOI approved rate	20	Nos			
4	**15 Hp Hydraulic baling press with storage bunkers -** Supply and installation of double chamber double cylinder jumbo Hydraulic baling machine total Pressing capacity 90 Ton, Pressing chamber 1, 60 Ton(High density materials,)Pressing chamber 2, 30 ton (low density materials). Standard pressing materials like Aluminum Can , Cardboard (OCC, Carton), Cellulose Fiber, Chopped Straw / Hay, Cotton Pulp, Disposable Tableware, Foam (Sponge), Hops, Mineral Cotton Fiber (Asbestos), Paper (ONP, OMG, Kraft Paper), Plant Fiber (Coconut / Coir Fiber, Palm Fiber, Abaca Fiber), Shredded Paper, Soft Plastic (eg.Plastic Film, Plastic Bag), Synthetic Fiber (Polyester Fiber), Textile (Used Clothes, Wiper Rag, Quilt, Pillow, Towel, Shoe, Carpet), Un-chopped Straw / Forage / Hay (Rice / Wheat Straw, Corn Silage, Alfalfa, Lucerne), Urban Waste, Coco Peat, Hollow Plastic (PET Bottle, HDPE Jar, PP Container) Materials MS, ISMC Angel sheet ext, Chamber Valiums 0.8 cubic meter, Bale size chamber 1&2. 800X600mmX H, Approximate ball Weight Chamber 1&2, 180 to 280 kg& 100 to 200 kg. (Depend up on material density).Cylinder speed Forward.120mm/SC Cylinder speed Reverse 160mm/SC, time15 To 20. Minutes. Per bale (Depend up on material density). Door chamber 1 &2, 3 Door. Same auto with rope type bale ejection. Main cylinder chamber 1 bore 200mm, Road 140mm, chamber 2 bore 130 & road 90mm,Type of operation Chamber 1 &2 Hand lever type, Redial piston pump for HP and vain pump for L p.2Gauge 0-400 kg/cm2, As per IS-3624, EN-837, EN-13190 STANDARD AS	20	Nos			

	APPLICABLE5'' Hydraulic oil level indicator, Pressure control valve, 350 Liters oil tank. Hydraulic oilISO VG 680 Bale 6 tying the block using Binding wire or plastic strap. MS sheet, angel, ISMC ISMB, Overall Height13 to 15. Ft. Power 15hp/10 Kw 3 phase, 415V, 50Hz, 3 phase Electric motor,MPCB, load backer switch, power controllers, power terminal box, control terminal block, indication lamp with push button, Emergency. Button with control panel. Electrical safety system shall confirm to is 302. Paint, Consumables & Fasteners including Labour charges 1set.Instruction manual service details, to be Provide with the machine. EOI approved rate					
5	**Material handling Semi-Electric Stacker -**Supply and installation of Capacity (KG) 1000 Lifting Height (MM) 4000Lifting Type Hydraulic cylinder / power pack. Lowered Height of Fork (MM)90, Fork Outer Distance (MM)550 , Fork Length (MM) 1150,Turning Radius (MM) 1600,Wheel (Drive / Load) Type PU or NBR,Size of Steering Wheel (MM)Ø220+*80,Size of Loading Wheel (MM) Ø180+*80, Electric power ,2HP Signal Phase, 240V AC Electric Motor. Electrical safety system shall confirm to is 302 EOI approved rate	20	Nos			
6	**Electrical low tension panel and power distribution board -**Supply and installation of Capacity (KG) 1000 Lifting Height (MM) 4000Lifting Type Hydraulic cylinder / power pack. Lowered Height of Fork (MM)90, Fork Outer Distance (MM)550 , Fork Length (MM) 1150,Turning Radius (MM) 1600,Wheel (Drive / Load) Type PU or NBR,Size of Steering Wheel (MM)Ø220+*80,Size of Loading Wheel (MM) Ø180+*80, Electric power ,2HP Signal Phase, 240V AC Electric Motor. Electrical safety system shall confirm to is 302 EOI approved rate	20	Nos			
7	**Digital weighing machine of capacity 1 tone with LED display and printer -**Supply and installation of weighing scalevCapacity1000kg, Platter Size (mm) 1200 x 1500, Load cell Four Load cell Platform with MS Cheq. Platter, Accuracy (g) 200G, Platter MOCMS Cheered Power supply,230V AC,50Hz,Power consumption 13W, Display type Green Vacuum Fluorescent Display (VFD),Display type,6 Digits, Display size13mm,No. of Keys5 keys, Rechargeable battery,6V/4Ah,Printer Ÿ80 Column printer,Display25mm / 50mm Jumbo Display .EOI approved rate	20	Nos			
8	**Swivel High Counter Bar Stool with Metal, Height Adjustable Bar Chair -**Barstool, Adjustable Height 20 to 30" Stool Chairs, Counter Height Swivel Bar Stools with backrest, Bar Chair, Counter Stool, Fabric Bar Chair. (10 nos Per plant) EOI approved rate	200	Set			
9	**Stainless steel cage trolley** -Supply of Material MS	120	Set			

	base frame Stainless steel Body. Rectangular shape3 cubic meter Capacity, 4 nos wheels, 2 doors, Paint, Consumables & Fasteners including Labour charges 1set. (6 Nos per plant) EOI approved rate					
10	Providing and fixing Structural Steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. PWD SR 2012-22 Volume - 2 Item No. 11.2 Page No. 75	150000	kgs			
11	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. E.R.W. tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer in-Charge. PWD SR 2012-22 Volume - 2 Item No. 11.26.2 Page No. 82	50000	kgs			
12	HDPE Waste Containers 100 ltr Capacity with recognised ISO brand with a minimum weight of 4.5kgs (Rate taken from Gem Portal)	500	Nos			
13	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes 1. A sealing primer may be applied in advance on cement concrete pavement to ensure proper bonding. Any laitance and/or curing compound to be removed where paint is required to be applied on concrete surface. 2. Cost of painter is already included in usage charges of road marking machine PWD SR 2012-22 Volume - 3 Item No. 8.15 Page No. 57	400	Sq m			
	PART – B Civil Works					
14	Earth work excavation by manual means for drains, canals and similar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other	320	Cum			

	appurtenaces required to complete the work PWD SR 2012-22 Volume - 1 Item No. 1.4 Page No. 29					
15	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:4:8(M5) Using 40 mm and down size graded crushed coarse aggregates PWD SR 2012-22 Volume - 1 Item No. 2.1.2 Page No.62	16	Cum			
16	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm and down size graded crushed coarse aggregates PWD SR 2012-22 Volume - 1 Item No. 2.2.1.1 Page No.64	16	Cum			
17	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm and down size graded crushed coarse aggregates RCC wall PWD SR 2012-22 Volume - 1 Item No. 2.2.1.1 Page No.64	28.8	Cum			
18	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap /basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers,well	12.96	Cum			

	compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm and down size graded crushed coarse aggregates RCC wall PWD SR 2012-22 Volume - 1 Item No. 2.2.1.1 Page No.64 Total RCC Quantity					
19	Steel Fe 415 PWD SR 2012-22 Volume - 1 material component Sl No. 83 Page No A(41)	3.466	Tons			
	Total Part B					
	Grand Total Part A + Part B					

The total cost of Procurement and Installation of Tools and Equipment for DWCC will be considered for financial evaluation.

Note: 1. In case of discrepancy between unit price and total price, the unit price will prevail.

2. Quoted Rates are inclusive of third-party inspection charges & all applicable taxes (inclusive of GST etc)

Total tender price in Rs. (Words).....

Signature of Tenderer .....

Name and address: .....